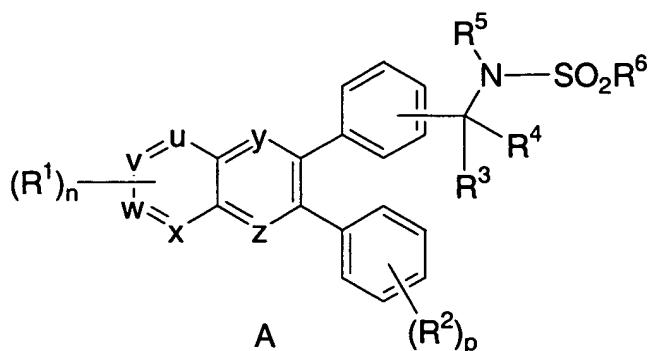


DT04 Rec'd PCT/PTO 04 OCT 2004

In the claims:

1. (original) A compound of the Formula A:



wherein:

a is 0 or 1;  
b is 0 or 1;  
m is 0, 1 or 2;  
n is 0, 1, 2 or 3;  
p is 0, 1 or 2;  
r is 0 or 1;  
s is 0 or 1;  
t is 2, 3, 4, 5 or 6;

u, v, w and x are independently selected from: CH and N;

y and z are independently selected from: CH and N, provided that at least one of y and z is N;

R<sup>1</sup> is independently selected from:

- 1) (C=O)<sub>a</sub>O<sub>b</sub>C<sub>1</sub>-C<sub>10</sub> alkyl,
- 2) (C=O)<sub>a</sub>O<sub>b</sub>aryl,

- 3) C<sub>2</sub>-C<sub>10</sub> alkenyl,
- 4) C<sub>2</sub>-C<sub>10</sub> alkynyl,
- 5) (C=O)<sub>a</sub>O<sub>b</sub> heterocyclyl,
- 6) (C=O)<sub>a</sub>O<sub>b</sub>C<sub>3</sub>-C<sub>8</sub> cycloalkyl,
- 7) CO<sub>2</sub>H,
- 8) halo,
- 9) CN,
- 10) OH,
- 11) O<sub>b</sub>C<sub>1</sub>-C<sub>6</sub> perfluoroalkyl,
- 12) O<sub>a</sub>(C=O)<sub>b</sub>NR<sup>7</sup>R<sup>8</sup>,
- 13) NR<sup>c</sup>(C=O)NR<sup>7</sup>R<sup>8</sup>,
- 14) S(O)<sub>m</sub>R<sup>a</sup>,
- 15) S(O)<sub>2</sub>NR<sup>7</sup>R<sup>8</sup>,
- 16) NR<sup>c</sup>S(O)<sub>m</sub>R<sup>a</sup>,
- 17) oxo,
- 18) CHO,
- 19) NO<sub>2</sub>,
- 20) NR<sup>c</sup>(C=O)O<sub>b</sub>R<sup>a</sup>,
- 21) O(C=O)O<sub>b</sub>C<sub>1</sub>-C<sub>10</sub> alkyl,
- 22) O(C=O)O<sub>b</sub>C<sub>3</sub>-C<sub>8</sub> cycloalkyl,
- 23) O(C=O)O<sub>b</sub>aryl, and
- 24) O(C=O)O<sub>b</sub>-heterocycle,

said alkyl, aryl, alkenyl, alkynyl, heterocyclyl, and cycloalkyl optionally substituted with one or more substituents selected from R<sup>z</sup>;

R<sup>2</sup> is independently selected from:

- 1) (C=O)<sub>a</sub>O<sub>b</sub>C<sub>1</sub>-C<sub>10</sub> alkyl,
- 2) (C=O)<sub>a</sub>O<sub>b</sub>aryl,
- 3) C<sub>2</sub>-C<sub>10</sub> alkenyl,
- 4) C<sub>2</sub>-C<sub>10</sub> alkynyl,
- 5) (C=O)<sub>a</sub>O<sub>b</sub> heterocyclyl,
- 6) (C=O)<sub>a</sub>O<sub>b</sub>C<sub>3</sub>-C<sub>8</sub> cycloalkyl,

- 7) CO<sub>2</sub>H,
- 8) halo,
- 9) CN,
- 10) OH,
- 11) O<sub>b</sub>C<sub>1</sub>-C<sub>6</sub> perfluoroalkyl,
- 12) O<sub>a</sub>(C=O)<sub>b</sub>NR<sup>7</sup>R<sup>8</sup>,
- 13) NR<sup>c</sup>(C=O)NR<sup>7</sup>R<sup>8</sup>,
- 14) S(O)<sub>m</sub>R<sup>a</sup>,
- 15) S(O)<sub>2</sub>NR<sup>7</sup>R<sup>8</sup>,
- 16) NR<sup>c</sup>S(O)<sub>m</sub>R<sup>a</sup>,
- 17) CHO,
- 18) NO<sub>2</sub>,
- 19) NR<sup>c</sup>(C=O)O<sub>b</sub>R<sup>a</sup>,
- 20) O(C=O)O<sub>b</sub>C<sub>1</sub>-C<sub>10</sub> alkyl,
- 21) O(C=O)O<sub>b</sub>C<sub>3</sub>-C<sub>8</sub> cycloalkyl,
- 22) O(C=O)O<sub>b</sub>aryl, and
- 23) O(C=O)O<sub>b</sub>-heterocycle,

said alkyl, aryl, alkenyl, alkynyl, heterocyclyl, and cycloalkyl optionally substituted with one, two or three substituents selected from R<sup>Z</sup>;

R<sup>3</sup> and R<sup>4</sup> are independently selected from: H, C<sub>1</sub>-C<sub>6</sub>-alkyl and C<sub>1</sub>-C<sub>6</sub>-perfluoroalkyl, or

R<sup>3</sup> and R<sup>4</sup> are combined to form -(CH<sub>2</sub>)<sub>t</sub>- wherein one of the carbon atoms is optionally replaced by a moiety selected from O, S(O)<sub>m</sub>, -N(R<sup>b</sup>)C(O)-, and

-N(COR<sup>a</sup>)-;

R<sup>5</sup> is independently selected from:

- 1) H,
- 2) (C=O)O<sub>b</sub>C<sub>1</sub>-C<sub>10</sub> alkyl,
- 3) (C=O)O<sub>b</sub>C<sub>3</sub>-C<sub>8</sub> cycloalkyl,
- 4) (C=O)O<sub>b</sub>aryl,
- 5) (C=O)O<sub>b</sub>heterocyclyl,

- 6) C<sub>1</sub>-C<sub>10</sub> alkyl,
- 7) aryl,
- 8) C<sub>2</sub>-C<sub>10</sub> alkenyl,
- 9) C<sub>2</sub>-C<sub>10</sub> alkynyl,
- 10) heterocyclyl,
- 11) C<sub>3</sub>-C<sub>8</sub> cycloalkyl,
- 12) SO<sub>2</sub>R<sup>a</sup>, and
- 13) (C=O)NR<sup>b</sup><sub>2</sub>,

said alkyl, cycloalkyl, aryl, heterocyclyl, alkenyl, and alkynyl is optionally substituted with one or more substituents selected from R<sup>z</sup>;

R<sup>6</sup> is NR<sup>7</sup>R<sup>8</sup>, (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>1</sub>-C<sub>6</sub>)perfluoroalkyl, (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, noboranyl, aryl, 2,2,2-trifluoroethyl, benzyl or heterocyclyl, said alkyl, cycloalkyl, noboranyl, aryl, heterocyclyl and benzyl is optionally substituted with one or more substituents selected from R<sup>z</sup>;

R<sup>7</sup> and R<sup>8</sup> are independently selected from:

- 1) H,
- 2) (C=O)ObC<sub>1</sub>-C<sub>10</sub> alkyl,
- 3) (C=O)ObC<sub>3</sub>-C<sub>8</sub> cycloalkyl,
- 4) (C=O)Obaryl,
- 5) (C=O)Obheterocyclyl,
- 6) C<sub>1</sub>-C<sub>10</sub> alkyl,
- 7) aryl,
- 8) C<sub>2</sub>-C<sub>10</sub> alkenyl,
- 9) C<sub>2</sub>-C<sub>10</sub> alkynyl,
- 10) heterocyclyl,
- 11) C<sub>3</sub>-C<sub>8</sub> cycloalkyl,
- 12) SO<sub>2</sub>R<sup>a</sup>, and
- 13) (C=O)NR<sup>b</sup><sub>2</sub>,

said alkyl, cycloalkyl, aryl, heterocyclyl, alkenyl, and alkynyl is optionally substituted with one or more substituents selected from R<sup>z</sup>, or

R<sup>7</sup> and R<sup>8</sup> can be taken together with the nitrogen to which they are attached to form a monocyclic or bicyclic heterocycle with 5-7 members in each ring and optionally containing, in addition to the nitrogen, one or two additional heteroatoms selected from N, O and S, said monocyclic or bicyclic heterocycle optionally substituted with one or more substituents selected from R<sup>z</sup>;

R<sup>z</sup> is selected from:

- 1) (C=O)<sub>r</sub>O<sub>s</sub>(C<sub>1</sub>-C<sub>10</sub>)alkyl,
- 2) O<sub>r</sub>(C<sub>1</sub>-C<sub>3</sub>)perfluoroalkyl,
- 3) (C<sub>0</sub>-C<sub>6</sub>)alkylene-S(O)<sub>m</sub>R<sup>a</sup>,
- 4) oxo,
- 5) OH,
- 6) halo,
- 7) CN,
- 8) (C=O)<sub>r</sub>O<sub>s</sub>(C<sub>2</sub>-C<sub>10</sub>)alkenyl,
- 9) (C=O)<sub>r</sub>O<sub>s</sub>(C<sub>2</sub>-C<sub>10</sub>)alkynyl,
- 10) (C=O)<sub>r</sub>O<sub>s</sub>(C<sub>3</sub>-C<sub>6</sub>)cycloalkyl,
- 11) (C=O)<sub>r</sub>O<sub>s</sub>(C<sub>0</sub>-C<sub>6</sub>)alkylene-aryl,
- 12) (C=O)<sub>r</sub>O<sub>s</sub>(C<sub>0</sub>-C<sub>6</sub>)alkylene-heterocyclyl,
- 13) (C=O)<sub>r</sub>O<sub>s</sub>(C<sub>0</sub>-C<sub>6</sub>)alkylene-N(R<sup>b</sup>)<sub>2</sub>,
- 14) C(O)R<sup>a</sup>,
- 15) (C<sub>0</sub>-C<sub>6</sub>)alkylene-CO<sub>2</sub>R<sup>a</sup>,
- 16) C(O)H,
- 17) (C<sub>0</sub>-C<sub>6</sub>)alkylene-CO<sub>2</sub>H,
- 18) C(O)N(R<sup>b</sup>)<sub>2</sub>,
- 19) S(O)<sub>m</sub>R<sup>a</sup>,
- 20) S(O)<sub>2</sub>N(R<sup>b</sup>)<sub>2</sub>
- 21) NR<sup>c</sup>(C=O)O<sub>b</sub>R<sup>a</sup>,
- 22) O(C=O)O<sub>b</sub>C<sub>1</sub>-C<sub>10</sub> alkyl,
- 23) O(C=O)O<sub>b</sub>C<sub>3</sub>-C<sub>8</sub> cycloalkyl,
- 24) O(C=O)O<sub>b</sub>aryl, and
- 25) O(C=O)O<sub>b</sub>-heterocycle,

said alkyl, alkenyl, alkynyl, cycloalkyl, aryl, and heterocyclyl is optionally substituted with up to three substituents selected from R<sup>b</sup>, OH, (C<sub>1</sub>-C<sub>6</sub>)alkoxy, halogen, CO<sub>2</sub>H, CN, O(C=O)C<sub>1</sub>-C<sub>6</sub> alkyl, oxo, and N(R<sup>b</sup>)<sub>2</sub>;

R<sup>a</sup> is (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>2</sub>-C<sub>6</sub>)alkenyl, (C<sub>2</sub>-C<sub>6</sub>)alkynyl, (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, substituted or unsubstituted aryl, (C<sub>1</sub>-C<sub>6</sub>)perfluoroalkyl, 2,2,2-trifluoroethyl, or substituted or unsubstituted heterocyclyl; and

R<sup>b</sup> is H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, substituted or unsubstituted aryl, substituted or unsubstituted benzyl, substituted or unsubstituted heterocyclyl, (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, (C=O)OC<sub>1</sub>-C<sub>6</sub> alkyl, (C=O)C<sub>1</sub>-C<sub>6</sub> alkyl or S(O)<sub>2</sub>R<sup>a</sup>;

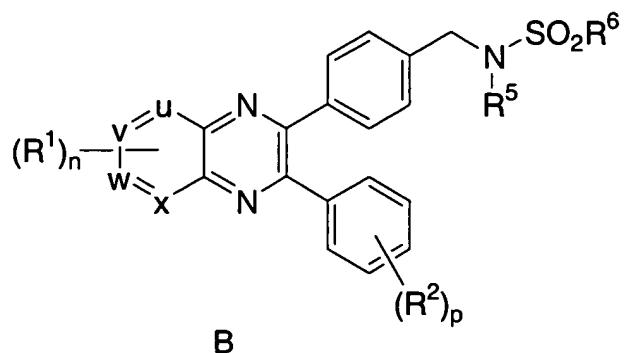
R<sup>c</sup> is selected from:

- 1) H,
- 2) C<sub>1</sub>-C<sub>10</sub> alkyl,
- 3) aryl,
- 4) C<sub>2</sub>-C<sub>10</sub> alkenyl,
- 5) C<sub>2</sub>-C<sub>10</sub> alkynyl,
- 6) heterocyclyl,
- 7) C<sub>3</sub>-C<sub>8</sub> cycloalkyl,
- 8) C<sub>1</sub>-C<sub>6</sub> perfluoroalkyl,

said alkyl, cycloalkyl, aryl, heterocyclyl, alkenyl, and alkynyl is optionally substituted with one or more substituents selected from R<sup>z</sup>;

or a pharmaceutically acceptable salt or a stereoisomer thereof.

2. (original) The compound according to Claim 1 of the Formula B:



wherein:

a is 0 or 1;  
b is 0 or 1;  
m is 0, 1 or 2;  
n is 0, 1, 2 or 3;  
p is 0, 1 or 2;  
r is 0 or 1;  
s is 0 or 1;

u, v, w and x are independently selected from: CH and N, provided that only one of u, v, w and x may be N;

R<sup>1</sup> is independently selected from:

- 1) (C=O)<sub>a</sub>O<sub>b</sub>C<sub>1</sub>-C<sub>10</sub> alkyl,
- 2) (C=O)<sub>a</sub>O<sub>b</sub>aryl,
- 3) C<sub>2</sub>-C<sub>10</sub> alkenyl,
- 4) C<sub>2</sub>-C<sub>10</sub> alkynyl,
- 5) (C=O)<sub>a</sub>O<sub>b</sub> heterocyclyl,
- 6) (C=O)<sub>a</sub>O<sub>b</sub>C<sub>3</sub>-C<sub>8</sub> cycloalkyl,
- 7) CO<sub>2</sub>H,
- 8) halo,
- 9) CN,

- 10) OH,
- 11)  $O_bC_1\text{-}C_6$  perfluoroalkyl,
- 12)  $O_a(C=O)_bNR^7R^8$ ,
- 13)  $NR^c(C=O)NR^7R^8$ ,
- 14)  $S(O)_mR^a$ ,
- 15)  $S(O)_2NR^7R^8$ ,
- 16)  $NR^cS(O)_mR^a$ ,
- 17) oxo,
- 18) CHO,
- 19) NO<sub>2</sub>,
- 20)  $NR^c(C=O)O_bR^a$ ,
- 21) O(C=O)O<sub>b</sub>C<sub>1</sub>-C<sub>10</sub> alkyl,
- 22) O(C=O)O<sub>b</sub>C<sub>3</sub>-C<sub>8</sub> cycloalkyl,
- 23) O(C=O)O<sub>b</sub>aryl, and
- 24) O(C=O)O<sub>b</sub>-heterocycle,

said alkyl, aryl, alkenyl, alkynyl, heterocyclyl, and cycloalkyl optionally substituted with one or more substituents selected from R<sup>Z</sup>;

R<sup>2</sup> is independently selected from:

- 1)  $(C=O)_aO_bC_1\text{-}C_{10}$  alkyl,
- 2)  $(C=O)_aO_b$ aryl,
- 3) C<sub>2</sub>-C<sub>10</sub> alkenyl,
- 4) C<sub>2</sub>-C<sub>10</sub> alkynyl,
- 5)  $(C=O)_aO_b$  heterocyclyl,
- 6)  $(C=O)_aO_bC_3\text{-}C_8$  cycloalkyl,
- 7) CO<sub>2</sub>H,
- 8) halo,
- 9) CN,
- 10) OH,
- 11)  $O_bC_1\text{-}C_6$  perfluoroalkyl,
- 12)  $O_a(C=O)_bNR^7R^8$ ,
- 13)  $NR^c(C=O)NR^7R^8$ ,

- 14)  $S(O)_mR^a$ ,
- 15)  $S(O)_2NR^7R^8$ ,
- 16)  $NR^cS(O)_mR^a$ ,
- 17)  $CHO$ ,
- 18)  $NO_2$ ,
- 19)  $NR^c(C=O)O_bR^a$ ,
- 20)  $O(C=O)O_bC_1-C_{10}$  alkyl,
- 21)  $O(C=O)O_bC_3-C_8$  cycloalkyl,
- 22)  $O(C=O)O_b$  aryl, and
- 23)  $O(C=O)O_b$ -heterocycle,

said alkyl, aryl, alkenyl, alkynyl, heterocyclyl, and cycloalkyl optionally substituted with one, two or three substituents selected from R<sup>Z</sup>;

R<sup>5</sup> is independently selected from:

- 1) H,
- 2)  $(C=O)O_bC_1-C_{10}$  alkyl,
- 3)  $(C=O)O_bC_3-C_8$  cycloalkyl,
- 4)  $(C=O)O_b$  aryl,
- 5)  $(C=O)O_b$  heterocyclyl,
- 6)  $C_1-C_{10}$  alkyl,
- 7) aryl,
- 8)  $C_2-C_{10}$  alkenyl,
- 9)  $C_2-C_{10}$  alkynyl,
- 10) heterocyclyl,
- 11)  $C_3-C_8$  cycloalkyl,
- 12)  $SO_2R^a$ , and
- 13)  $(C=O)NR^b_2$ ,

said alkyl, cycloalkyl, aryl, heterocyclyl, alkenyl, and alkynyl is optionally substituted with one or more substituents selected from R<sup>Z</sup>;

R<sup>6</sup> is NR<sup>7</sup>R<sup>8</sup>, (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>1</sub>-C<sub>6</sub>)perfluoroalkyl, (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, noboranyl, aryl, 2,2,2-trifluoroethyl, benzyl or heterocyclyl, said alkyl, cycloalkyl, noboranyl, aryl, heterocyclyl and benzyl is optionally substituted with one or more substituents selected from R<sup>Z</sup>;

R<sup>7</sup> and R<sup>8</sup> are independently selected from:

- 1) H,
- 2) (C=O)ObC<sub>1</sub>-C<sub>10</sub> alkyl,
- 3) (C=O)ObC<sub>3</sub>-C<sub>8</sub> cycloalkyl,
- 4) (C=O)Obaryl,
- 5) (C=O)Obheterocyclyl,
- 6) C<sub>1</sub>-C<sub>10</sub> alkyl,
- 7) aryl,
- 8) C<sub>2</sub>-C<sub>10</sub> alkenyl,
- 9) C<sub>2</sub>-C<sub>10</sub> alkynyl,
- 10) heterocyclyl,
- 11) C<sub>3</sub>-C<sub>8</sub> cycloalkyl,
- 12) SO<sub>2</sub>R<sup>a</sup>, and
- 13) (C=O)NR<sup>b</sup><sub>2</sub>,

said alkyl, cycloalkyl, aryl, heterocyclyl, alkenyl, and alkynyl is optionally substituted with one or more substituents selected from R<sup>Z</sup>, or

R<sup>7</sup> and R<sup>8</sup> can be taken together with the nitrogen to which they are attached to form a monocyclic or bicyclic heterocycle with 5-7 members in each ring and optionally containing, in addition to the nitrogen, one or two additional heteroatoms selected from N, O and S, said monocyclic or bicyclic heterocycle optionally substituted with one or more substituents selected from R<sup>Z</sup>;

R<sup>Z</sup> is selected from:

- 1) (C=O)<sub>r</sub>O<sub>s</sub>(C<sub>1</sub>-C<sub>10</sub>)alkyl,
- 2) O<sub>r</sub>(C<sub>1</sub>-C<sub>3</sub>)perfluoroalkyl,
- 3) (C<sub>0</sub>-C<sub>6</sub>)alkylene-S(O)<sub>m</sub>R<sup>a</sup>,

- 4) oxo,
- 5) OH,
- 6) halo,
- 7) CN,
- 8) (C=O)<sub>r</sub>O<sub>s</sub>(C<sub>2</sub>-C<sub>10</sub>)alkenyl,
- 9) (C=O)<sub>r</sub>O<sub>s</sub>(C<sub>2</sub>-C<sub>10</sub>)alkynyl,
- 10) (C=O)<sub>r</sub>O<sub>s</sub>(C<sub>3</sub>-C<sub>6</sub>)cycloalkyl,
- 11) (C=O)<sub>r</sub>O<sub>s</sub>(C<sub>0</sub>-C<sub>6</sub>)alkylene-aryl,
- 12) (C=O)<sub>r</sub>O<sub>s</sub>(C<sub>0</sub>-C<sub>6</sub>)alkylene-heterocyclyl,
- 13) (C=O)<sub>r</sub>O<sub>s</sub>(C<sub>0</sub>-C<sub>6</sub>)alkylene-N(R<sup>b</sup>)<sub>2</sub>,
- 14) C(O)R<sup>a</sup>,
- 15) (C<sub>0</sub>-C<sub>6</sub>)alkylene-CO<sub>2</sub>R<sup>a</sup>,
- 16) C(O)H,
- 17) (C<sub>0</sub>-C<sub>6</sub>)alkylene-CO<sub>2</sub>H,
- 18) C(O)N(R<sup>b</sup>)<sub>2</sub>,
- 19) S(O)<sub>m</sub>R<sup>a</sup>,
- 20) S(O)<sub>2</sub>NR<sup>9</sup>R<sup>10</sup>
- 21) NRC(C=O)O<sub>b</sub>R<sup>a</sup>,
- 22) O(C=O)O<sub>b</sub>C<sub>1</sub>-C<sub>10</sub> alkyl,
- 23) O(C=O)O<sub>b</sub>C<sub>3</sub>-C<sub>8</sub> cycloalkyl,
- 24) O(C=O)O<sub>b</sub>aryl, and
- 25) O(C=O)O<sub>b</sub>-heterocycle,

said alkyl, alkenyl, alkynyl, cycloalkyl, aryl, and heterocyclyl is optionally substituted with up to three substituents selected from R<sup>b</sup>, OH, (C<sub>1</sub>-C<sub>6</sub>)alkoxy, halogen, CO<sub>2</sub>H, CN, O(C=O)C<sub>1</sub>-C<sub>6</sub> alkyl, oxo, and N(R<sup>b</sup>)<sub>2</sub>;

R<sup>a</sup> is (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>2</sub>-C<sub>6</sub>)alkenyl, (C<sub>2</sub>-C<sub>6</sub>)alkynyl, (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, substituted or unsubstituted aryl, (C<sub>1</sub>-C<sub>6</sub>)perfluoroalkyl, 2,2,2-trifluoroethyl, or substituted or unsubstituted heterocyclyl; and

R<sup>b</sup> is H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, substituted or unsubstituted aryl, substituted or unsubstituted benzyl, substituted or unsubstituted heterocyclyl, (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, (C=O)OC<sub>1</sub>-C<sub>6</sub> alkyl, (C=O)C<sub>1</sub>-C<sub>6</sub> alkyl or S(O)<sub>2</sub>R<sup>a</sup>;

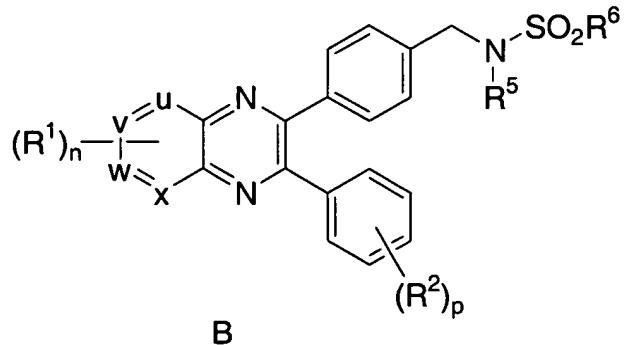
R<sup>c</sup> is selected from:

- 1) H,
- 2) C<sub>1</sub>-C<sub>10</sub> alkyl,
- 3) aryl,
- 4) C<sub>2</sub>-C<sub>10</sub> alkenyl,
- 5) C<sub>2</sub>-C<sub>10</sub> alkynyl,
- 6) heterocyclyl,
- 7) C<sub>3</sub>-C<sub>8</sub> cycloalkyl,
- 8) C<sub>1</sub>-C<sub>6</sub> perfluoroalkyl,

said alkyl, cycloalkyl, aryl, heterocyclyl, alkenyl, and alkynyl is optionally substituted with one or more substituents selected from R<sup>z</sup>;

or a pharmaceutically acceptable salt or a stereoisomer thereof.

3. (original) The compound according to Claim 2 of the Formula B:



wherein:

a is 0 or 1;

b is 0 or 1;  
m is 0, 1 or 2;  
n is 0, 1, 2 or 3;  
p is 0, 1 or 2;  
r is 0 or 1;  
s is 0 or 1;

u, v, w and x are independently selected from: CH and N, provided that only one of u, v, w and x may be N;

R<sup>1</sup> is independently selected from:

- 1) (C=O)<sub>a</sub>O<sub>b</sub>C<sub>1</sub>-C<sub>10</sub> alkyl,
- 2) (C=O)<sub>a</sub>O<sub>b</sub>aryl,
- 3) C<sub>2</sub>-C<sub>10</sub> alkenyl,
- 4) C<sub>2</sub>-C<sub>10</sub> alkynyl,
- 5) (C=O)<sub>a</sub>O<sub>b</sub> heterocyclyl,
- 6) (C=O)<sub>a</sub>O<sub>b</sub>C<sub>3</sub>-C<sub>8</sub> cycloalkyl,
- 7) CO<sub>2</sub>H,
- 8) halo,
- 9) CN,
- 10) OH,
- 11) O<sub>b</sub>C<sub>1</sub>-C<sub>6</sub> perfluoroalkyl,
- 12) O<sub>a</sub>(C=O)<sub>b</sub>NR<sup>7</sup>R<sup>8</sup>,
- 13) NR<sup>c</sup>(C=O)NR<sup>7</sup>R<sup>8</sup>,
- 14) S(O)<sub>m</sub>R<sup>a</sup>,
- 15) S(O)<sub>2</sub>NR<sup>7</sup>R<sup>8</sup>,
- 16) NR<sup>c</sup>S(O)<sub>m</sub>R<sup>a</sup>,
- 17) oxo,
- 18) CHO,
- 19) NO<sub>2</sub>,
- 20) NR<sup>c</sup>(C=O)O<sub>b</sub>R<sup>a</sup>,
- 21) O(C=O)O<sub>b</sub>C<sub>1</sub>-C<sub>10</sub> alkyl,

- 22) O(C=O)ObC<sub>3</sub>-C<sub>8</sub> cycloalkyl,
- 23) O(C=O)Obaryl, and
- 24) O(C=O)Ob-heterocycle,

said alkyl, aryl, alkenyl, alkynyl, heterocyclyl, and cycloalkyl optionally substituted with one or more substituents selected from R<sub>Z</sub>;

R<sup>2</sup> is independently selected from:

- 1) C<sub>1</sub>-C<sub>6</sub> alkyl,
- 2) aryl,
- 3) heterocyclyl,
- 4) CO<sub>2</sub>H,
- 5) halo,
- 6) CN,
- 7) OH,
- 8) S(O)<sub>2</sub>NR<sup>7</sup>R<sup>8</sup>,

said alkyl, aryl and heterocyclyl optionally substituted with one, two or three substituents selected from R<sub>Z</sub>;

R<sup>5</sup> is independently selected from:

- 1) H,
- 2) C<sub>1</sub>-C<sub>10</sub> alkyl,
- 3) aryl, and
- 4) C<sub>3</sub>-C<sub>8</sub> cycloalkyl,

said alkyl, cycloalkyl and aryl is optionally substituted with one or more substituents selected from R<sub>Z</sub>;

R<sup>6</sup> is NR<sup>7</sup>R<sup>8</sup>, (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>1</sub>-C<sub>6</sub>)perfluoroalkyl, (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, noboranyl, aryl, 2,2,2-trifluoroethyl, benzyl or heterocyclyl, said alkyl, cycloalkyl, noboranyl, aryl, heterocyclyl and benzyl is optionally substituted with one or more substituents selected from R<sub>Z</sub>;

R<sup>7</sup> and R<sup>8</sup> are independently selected from:

- 1) H,
- 2) (C=O)ObC<sub>1</sub>-C<sub>10</sub> alkyl,

- 3)  $(C=O)ObC_3-C_8$  cycloalkyl,
- 4)  $(C=O)Obaryl$ ,
- 5)  $(C=O)Obheterocyclyl$ ,
- 6)  $C_1-C_{10}$  alkyl,
- 7) aryl,
- 8)  $C_2-C_{10}$  alkenyl,
- 9)  $C_2-C_{10}$  alkynyl,
- 10) heterocyclyl,
- 11)  $C_3-C_8$  cycloalkyl,
- 12)  $SO_2R^a$ , and
- 13)  $(C=O)NR^b_2$ ,

said alkyl, cycloalkyl, aryl, heterocyclyl, alkenyl, and alkynyl is optionally substituted with one or more substituents selected from  $R^z$ , or

$R^z$  is selected from:

- 1)  $(C=O)_rOs(C_1-C_{10})alkyl$ ,
- 2)  $Or(C_1-C_3)perfluoroalkyl$ ,
- 3)  $(C_0-C_6)alkylene-S(O)_mR^a$ ,
- 4) oxo,
- 5) OH,
- 6) halo,
- 7) CN,
- 8)  $(C=O)_rOs(C_2-C_{10})alkenyl$ ,
- 9)  $(C=O)_rOs(C_2-C_{10})alkynyl$ ,
- 10)  $(C=O)_rOs(C_3-C_6)cycloalkyl$ ,
- 11)  $(C=O)_rOs(C_0-C_6)alkylene-aryl$ ,
- 12)  $(C=O)_rOs(C_0-C_6)alkylene-heterocyclyl$ ,
- 13)  $(C=O)_rOs(C_0-C_6)alkylene-N(R^b)_2$ ,
- 14)  $C(O)R^a$ ,
- 15)  $(C_0-C_6)alkylene-CO_2R^a$ ,
- 16)  $C(O)H$ ,
- 17)  $(C_0-C_6)alkylene-CO_2H$ ,

- 18) C(O)N(R<sup>b</sup>)<sub>2</sub>,
- 19) S(O)<sub>m</sub>R<sup>a</sup>, and
- 20) S(O)NR<sup>9</sup>R<sup>10</sup>
- 21) NR<sup>c</sup>(C=O)O<sub>b</sub>R<sup>a</sup>,
- 22) O(C=O)O<sub>b</sub>C<sub>1</sub>-C<sub>10</sub> alkyl,
- 23) O(C=O)O<sub>b</sub>C<sub>3</sub>-C<sub>8</sub> cycloalkyl,
- 24) O(C=O)O<sub>b</sub>aryl, and
- 25) O(C=O)O<sub>b</sub>-heterocycle,

said alkyl, alkenyl, alkynyl, cycloalkyl, aryl, and heterocyclyl is optionally substituted with up to three substituents selected from R<sup>b</sup>, OH, (C<sub>1</sub>-C<sub>6</sub>)alkoxy, halogen, CO<sub>2</sub>H, CN, O(C=O)C<sub>1</sub>-C<sub>6</sub> alkyl, oxo, and N(R<sup>b</sup>)<sub>2</sub>;

R<sup>a</sup> is (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, substituted or unsubstituted aryl, or heterocyclyl; and

R<sup>b</sup> is H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, substituted or unsubstituted aryl, substituted or unsubstituted benzyl, substituted or unsubstituted heterocyclyl, (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, (C=O)OC<sub>1</sub>-C<sub>6</sub> alkyl, (C=O)C<sub>1</sub>-C<sub>6</sub> alkyl or S(O)NR<sup>a</sup>;

R<sup>c</sup> is selected from:

- 1) H,
- 2) C<sub>1</sub>-C<sub>10</sub> alkyl,
- 3) aryl,
- 4) C<sub>2</sub>-C<sub>10</sub> alkenyl,
- 5) C<sub>2</sub>-C<sub>10</sub> alkynyl,
- 6) heterocyclyl,
- 7) C<sub>3</sub>-C<sub>8</sub> cycloalkyl,
- 8) C<sub>1</sub>-C<sub>6</sub> perfluoroalkyl,

said alkyl, cycloalkyl, aryl, heterocyclyl, alkenyl, and alkynyl is optionally substituted with one or more substituents selected from R<sup>c</sup>;

or a pharmaceutically acceptable salt or a stereoisomer thereof.

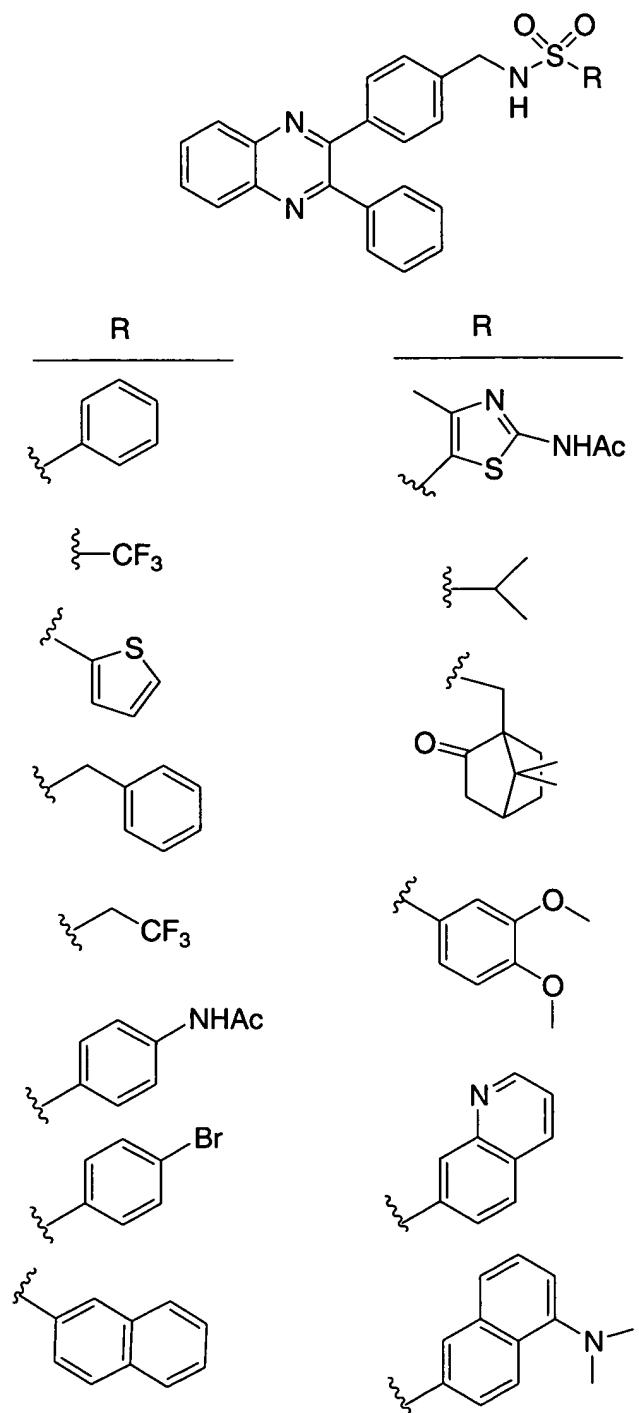
4. (original) The compound according to Claim 1 which is:

N-[4-(3-phenylquinoxalin-2-yl)benzyl]propane-1-sulfonamide.

5. (original) The TFA salt according to Claim 1 which is:

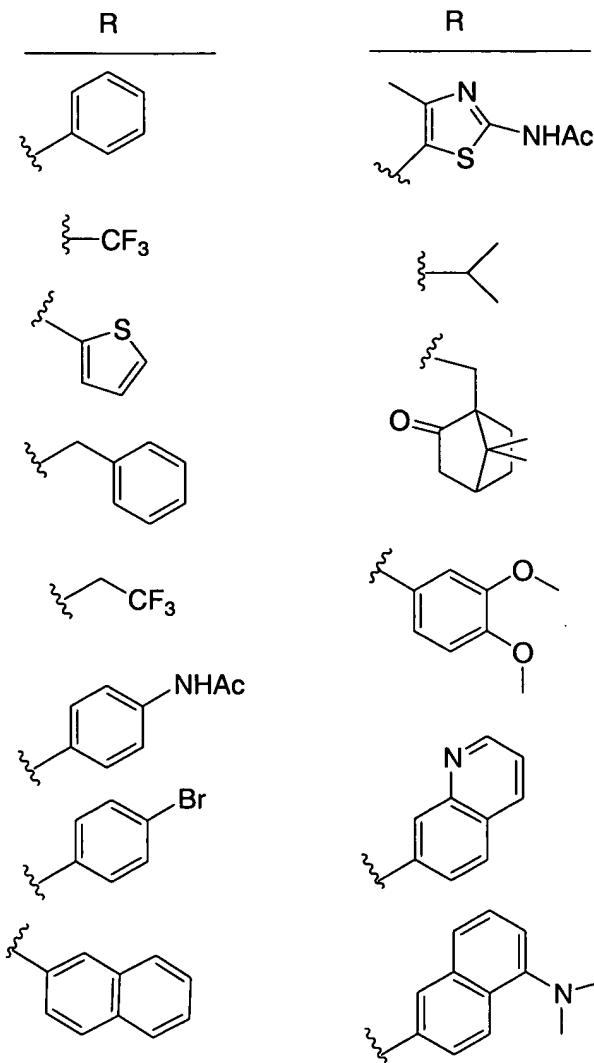
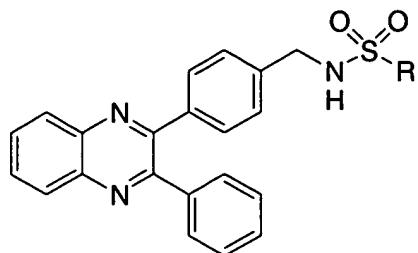
N-[4-(3-phenylquinoxalin-2-yl)benzyl]propane-1-sulfonamide.

6. (original) The compound according to Claim 1 which is selected from:



or a pharmaceutically acceptable salt or a stereoisomer thereof.

7. (original) The TFA salt according to Claim 1 which is selected from:



or a stereoisomer thereof.

8. (original) A pharmaceutical composition comprising a pharmaceutical carrier, and dispersed therein, a therapeutically effective amount of a compound of Claim 1.

9. (original) A pharmaceutical composition comprising a pharmaceutical carrier, and dispersed therein, a therapeutically effective amount of a compound of Claim 4.

10. (original) A pharmaceutical composition comprising a pharmaceutical carrier, and dispersed therein, a therapeutically effective amount of a compound of Claim 6.

11. (original) A method of inhibiting one or more of the isoforms of Akt in a mammal which comprises administering to the mammal a therapeutically effective amount of a compound of Claim 1.

12. (original) A method of inhibiting one or more of the isoforms of Akt in a mammal which comprises administering to the mammal a therapeutically effective amount of a compound of Claim 4.

13. (original) A method of inhibiting one or more of the isoforms of Akt in a mammal which comprises administering to the mammal a therapeutically effective amount of a compound of Claim 6.

14. (original) A method for treating cancer which comprises administering to a mammal in need thereof a therapeutically effective amount of a compound of Claim 1.

15. (original) A method for treating cancer which comprises administering to a mammal in need thereof a therapeutically effective amount of a compound of Claim 4.

16. (original) A method for treating cancer which comprises administering to a mammal in need thereof a therapeutically effective amount of a compound of Claim 6.

17. (original) A pharmaceutical composition made by combining the compound of Claim 1 and a pharmaceutically acceptable carrier.

18. (canceled)

19. (canceled)

20. (canceled)

21. (canceled)

22. (canceled)

23. (original) A method of treating or preventing cancer which comprises administering a therapeutically effective amount of a compound of Claim 1 in combination with a compound selected from:

- 1) an estrogen receptor modulator,
- 2) an androgen receptor modulator,
- 3) retinoid receptor modulator,
- 4) a cytotoxic agent,
- 5) an antiproliferative agent,
- 6) a prenyl-protein transferase inhibitor,
- 7) an HMG-CoA reductase inhibitor,
- 8) an HIV protease inhibitor,
- 9) a reverse transcriptase inhibitor,
- 10) an angiogenesis inhibitor,
- 11) a PPAR- $\gamma$  agonists,
- 12) a PPAR- $\delta$  agonists,
- 13) an inhibitor of inherent multidrug resistance,
- 14) an anti-emetic agent,
- 15) an agent useful in the treatment of anemia,

- 16) an agent useful in the treatment of neutropenia,
- 17) an immunologic-enhancing drug,
- 18) an inhibitor of cell proliferation and survival signaling, and
- 19) an agent that interferes with a cell cycle checkpoint.

24. (original) A method of treating cancer which comprises administering a therapeutically effective amount of a compound of Claim 1 in combination with radiation therapy and a compound selected from:

- 1) an estrogen receptor modulator,
- 2) an androgen receptor modulator,
- 3) retinoid receptor modulator,
- 4) a cytotoxic agent,
- 5) an antiproliferative agent,
- 6) a prenyl-protein transferase inhibitor,
- 7) an HMG-CoA reductase inhibitor,
- 8) an HIV protease inhibitor,
- 9) a reverse transcriptase inhibitor,
- 10) an angiogenesis inhibitor,
- 11) a PPAR- $\gamma$  agonists,
- 12) a PPAR- $\delta$  agonists,
- 13) an inhibitor of inherent multidrug resistance,
- 14) an anti-emetic agent,
- 15) an agent useful in the treatment of anemia,
- 16) an agent useful in the treatment of neutropenia,
- 17) an immunologic-enhancing drug,
- 18) an inhibitor of cell proliferation and survival signaling, and
- 19) an agent that interferes with a cell cycle checkpoint.

25. (canceled)